

WHAT IS CLAIMED IS:

1. A solar cell module with power converters,  
comprising:

a plurality of solar cells;

5 a covering member; and

a plurality of power converters provided on a  
surface of the covering member,

wherein the solar cells form a plurality of  
solar cell groups comprising two or more solar cells  
10 electrically connected to each other with a gap  
therebetween via an interconnector;

each of the power converters is arranged out of  
an extension line of the gap;

each power converter is connected to an output  
15 of one solar cell group; and

outputs of the respective power converters are  
all connected in parallel to each other.

2. The solar cell module with power converters  
20 according to claim 1, wherein the plurality of power  
converters are DC-DC converters that step up a DC  
voltage output from the solar cells.

3. The solar cell module with power converters  
25 according to claim 1, wherein a wiring member  
electrically connecting the outputs of the plurality  
of power converters is buried in the covering member

of the solar cell module.

4. The solar cell module with power converters according to claim 1, wherein the plurality of power  
5 converters are placed on a light-incident surface side of the covering member of the solar cell module.

5. The solar cell module with power converters according to claim 1, wherein the plurality of power  
10 converters are placed on a surface of the covering member outside light-incident surfaces of the solar cells, and placed at a position where a total length of a plurality of wirings connecting inputs of the power converters to the outputs of the solar cell  
15 groups is shortest.

6. The solar cell module with power converters according to claim 1, wherein the solar cells have flexibility.  
20

7. The solar cell module with power converters according to claim 1, wherein one electrodes of the solar cells are all connected to form one power source line of the power converters.

25

8. The solar cell module with power converters according to claim 1, wherein the solar cells

comprise stacked solar cells having an amorphous microcrystal silicon type three-layer structure.